

Title (en)
GRATE WITH CLEANSER

Title (de)
RECHEN MIT RÄUMER

Title (fr)
DEGRILLEUR COMPRENANT UN RACLAGE

Publication
EP 2942436 B1 20171220 (DE)

Application
EP 15001247 A 20150428

Priority
DE 102014006626 A 20140508

Abstract (en)
[origin: US2015321126A1] In a rake system, a reamer element is attached to a reamer arm, which is movable backward and forward. A pivot axle of the reamer arm is formed on the distal end of a control arm, which is pivotable around a further pivot axle. During forward movement of the reamer arm, the reamer element pushes raked material collected by the rake to a discharge edge at the upper end of the rake. During backward movement of the reamer arm, the control arm is lifted, and the reamer element is moved back at a distance from the rake.

IPC 8 full level
E02B 8/02 (2006.01); **E03F 5/14** (2006.01)

CPC (source: EP US)
B01D 29/6469 (2013.01 - US); **E02B 8/026** (2013.01 - EP US); **E03F 5/14** (2013.01 - EP US)

Cited by
CN108031163A; CN109081459A; CN115193121A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2942436 A1 20151111; **EP 2942436 B1 20171220**; BR 102015010310 A2 20170523; DE 102014006626 A1 20151112;
US 2015321126 A1 20151112; US 9604161 B2 20170328

DOCDB simple family (application)
EP 15001247 A 20150428; BR 102015010310 A 20150506; DE 102014006626 A 20140508; US 201514706731 A 20150507